

## CASS COUNTY: Key Data Points

- Cass county witnessed 5 infant deaths, 2 of them were neonatal.
- The percentage of women who utilized prenatal care during the first trimester of pregnancy was lower than the state of Indiana overall, 76.1% versus 80.6% respectively.
- Fewer women are breastfeeding upon discharge in Cass county than the state of Indiana, 60.9% versus 63.2% respectively
- Cass county observed 16 accidental deaths (4 of which were motor vehicle), 3 suicidal deaths, and 1 homicide

**Note:** All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

**Figure 1. Births**

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
<b>Cass County</b>	548	13.6	532	13.6	6	10.6(U)	10	15.6(U)
<b>INDIANA</b>	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

\* births per 1,000 population; U = unstable rate, based on fewer than 20 births

**Figure 2. Mortality**

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
<b>CASS</b>	All Races	548	5	2	3	**	**	**
	White	532	5	2	3	**	**	**
	Black	6	0	0	0	0	0	0
	Other	10	0	0	0	0	0	0
	Hispanic	128	1	0	1	**	0	**
<b>INDIANA</b>	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**
	Hispanic	6,763	38	22	16	5.6	3.3	**

\*rate per 1,000 live births \*\*Numerator is less than 20 and the rate is unstable

**Figure 3. Outcome Indicators of Mother, by Race**

		Birth Weight				During Pregnancy		
CASS COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	548	7.7	1.6	9.7	76.1	0.2	25(S)	41.1
White	532	7.9	1.7	10	77.1	0.2	25.2(S)	40(S)
Black	6	**	**	**	**	**	**	**

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

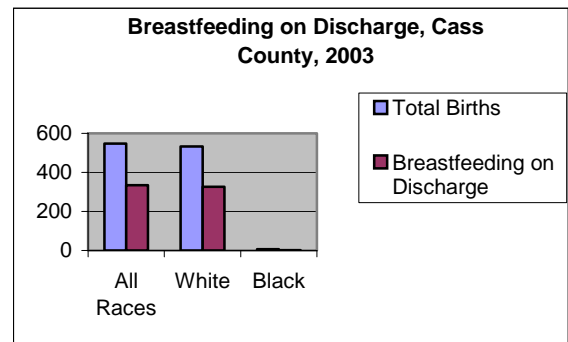
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

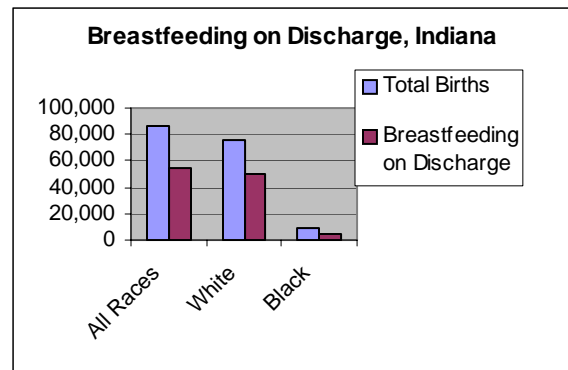
\*\*\* Outcomes for this county are suppressed due to 20 or fewer total births

**Figure 4. Breastfeeding**

CASS COUNTY	All Races	White	Black
Total Births	548	532	6
Breastfeeding on Discharge	334	327	2
% Breastfeeding on Discharge	60.9	61.5	33.3



<b>INDIANA</b>	<b><i>All Races</i></b>	<b><i>White</i></b>	<b><i>Black</i></b>
<b>Total Births</b>	86,382	75,422	9,288
<b>Breastfeeding on Discharge</b>	54,636	49,385	3,959
<b>% Breastfeeding on Discharge</b>	63.2	65.5	42.6



**Figure 5. HIV/AIDS**

	<b>Total # of AIDS cases reported since 1982</b>	<b>Total # of HIV cases reported since 1985</b>
<b>CASS COUNTY</b>	20	14
<b>INDIANA</b>	7,641	3,856

\*data gathered from June 2005 HIV/STD Quarterly Report

**Figure 6. Nutritional Risk Factors by Status,**  
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Indiana Health Centers, Inc.							
Counties Included: Howard, Cass, Grant, Hamilton, Tipton, Clinton							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	112	17	71	0	4	204	4.6%
At Risk for becoming Overweight	151	23	64	0	6	244	5.5%
Local Agency: State Wide							
Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Cass & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.		Cass	Indiana
2	% of Population enrolled in Medicaid as of June 2003	14	12.4
3	% of Population in Food Stamps Program, 2004	7.8	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Cass	Indiana
1	Av Total Infant Death Rate (1993-2002)	7.2	8.1
2	Average Fetal Death Rate (1994-2003)	6.2	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Cass	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	No Score	NA
2	% PNC 1st Trimester†, 2003	76.1	80.6
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Cass	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	8.6	10.4
2	%Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	1.9	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Cass	Indiana
1	% of mothers Smoked During Pregnancy, 2003	25.0	18.5
2	% of Adult Smoking in 2003	30.6	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).		Cass	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	6	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	584.69	1541.49
Priority #8 (obesity): Obesity in pregnant women		Cass	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	8	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Cass	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	2	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	14.4	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Cass	Indiana
1	% of Hispanic Population of any Race, July,1,2004	9.4	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	NS	1.92
<b>Source:</b> Data Analysis Team, ISDH. <b>Notes:</b> 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness			

Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.